ISSUE SLIP STAPLE AREA (for additional cross references)

POSITION	INITIALS	ID NO.	DATE					
	m 21/		50101					
FEE DETERMINATION								
O.I.P.E. CLASSIFIER	1	32	524,					
FORMALITY REVIEW	H·T	913	66/88/01					
RESPONSE FORMALITY REVIEW			7 .					

INDEX OF CLAIMS

J	Rejected	N	Non-elected
-	Allowed	1	Interference
	(Through numeral) Canceled	Α	Appeal
-	Restricted	0	Objected

									•	•	•••	•••	••••	••••	••••	•	
_	aim	т			-	_	_	<u>_</u>	at			-		_	_	_	1
-1	Т	7	1	٦	,	Ţ	ő	Ť	2	_	8		Г	T	٦	Г	1
	1	 	Ľ	%	S		Š	b	S		ł	•		١	1		
Final	Ķ	٦,	3	3	1	\mathcal{E}	5	1	Š	74	7		l	l		l	1
_	Ŕ		ф,	7	ī	オ	•	t	1	Г	Ť		T	7		Γ	1
٦.	۲	*	۳	T	۲	1		t	П	Γ	1		Τ	7		Г	٦
ŀ	†		†	t	Н	T	_	t		┢	1		T	7		Γ	1
_			1	t	t	H		t	_	Г	1		T	1			1
_	T		T	T	T	П		Ι			I		Ι			L]
_	T	4	П	Ł	Γ	П	_	Τ		Ľ			L		_	L	_
	Ι	Ħ	J,	T		\prod		Ι		L			L	╛		L	1
		Ħ.	П	L	L	Ц	_	1		L	4	_	ļ	4	_	Ļ	4
		N.	Ш	L	L	Ц	_	1	_	L	4	_	ļ	4	_	Ļ	4
	_1	셒	Ц	L	ļ	Ц		1	_	╀	4		1	4	_	╁-	4
Ŀ	Ų	111	Ц	L	1	Ц	_	4	_	Ļ	4	_	1	_	_	╀	4
_	_11	1	Ц	1	ļ	Ц	_	4	_	╀	_	_	+	_	L	╁	4
_	4	11	Ц	1	4	Н	_	4		╀	_	_	+	_	L	╁	┥
L	4	Ш	Н	1	4	Н	-	4		╀	_	_	╀	_	H	╀	┨
ļ.,	4	ال!	Н	1	Ŧ	Н	_	4	_	╀	_	H	+	_	┝	$^{+}$	┥
L	-1	'41	Н	+	+	Н	H	+	_	+	_	┝	+	_	⊢	+	┥
ŀ	+	#	Н	Ţ	ł	Ļ	۲	┥		+		H	+	-	╁	t	\dashv
┞	+	#	₽	X		N N	┝	+	_	+		┝	+		╁	†	Ⅎ
H	-}	₩	₽	7	H	À	┝	┪		+		┝	+	_	H	†	┪
ŀ	4	計	1	¥	4	¥_	ŀ	4	-	+	-	⊦	┨	_	╁	+	⊣
H	+	₩	╀	H	+	╀	┞	4	-	+		┝	┪		╁	+	ᅱ
ŀ	┥	1 1	╀	H	+	╁	⊦	\dashv		+	_	H	┪	_	╁	+	ᅱ
ŀ	+	뒮	╁	H	+	╁	H	4	-	+		H	+		╁	+	-
ŀ	┥	H	╅	H	+	+	t	-	_	+		t	1	_	t	+	┪
ŀ	┪	됆	╁	Н	+	+	t	d	-	+	-	t	1	_	t	7	_
۲	+	Ħ	t	Н	H	†	t		Т	1	_	t	1	_	Ť	1	7
r	-	뉇	t	Н	H	†	t	_	r	7		t	┪		T	7	٦
t	٦	2	1	۲	H	†	t	_	Т	1		T	1		T	1	
t	┪	30	t	T	П	1	T		Г	7		T			I	1	
Ì	╗	3	T	T	П	T	Ī			٦		Ι			L		
T		왜	Ι	Γ	D	J	ļ			\rfloor	_	I			I	_[_]
		3	J	Ь	Z	V	1		Ĺ	_[Ĺ		L	1	⅃	
	(3	1	N	L	N	Ţ		L	_		1		L	1	Ц	_
ĺ			ź	þ	1	Ŋ	1	_	L	إ	_	4		L	4	4	4
ļ		œ.	2	1	_	\vdash	4	Ķ	h	4	_	+	_	\vdash	+	4	
١		37	L	+			+	ł	H	Н	_	+		\vdash	+	-	_
	_	38 ~	⊢	╁		-	+	╀	H	Н	_	+	_	┝	+	-	-
1	_	39	ŀ	+		\vdash	+	+	H	Н	-	+		┝	+	-	H
١		40	Ĺ	4	_	⊢	+	+	H	Н	-	+	_	\vdash	+	-	\vdash
١	_	4	ŀ	1	_	Ļ	4	+	Ł	L	┞	+	_	┞	+	_	-
		42 43	L	7		,	4	4	ł	-	H	+	_	╁	+	_	⊢
				+	_	╀	+	+	╀	╀	H	+	_	├	+	_	┝╌
۱	_	44	+	4		╀	4	+	╁	H	┝	+	_	╀	+	_	⊢
ij	-	4	4	+	_	\vdash	4	¥	4	╁	-	+	_	t	+		⊢
ı	Ι-	46	+	+		╁	+	_	+	t	┝	+		۲	+	_	\vdash
	┝	4/	+	+	_	╀	4	-	+	¥	╁	+		۲	+		╁
٠:	۲	49	+	+		۲	1	-	ť	ν_	1	ł		t	+	_	1
	一	30	1	+		t	٦	Г	†	_	t	1	_	t	7	_	Τ
	_	-2	_	_	_	_	_	_	•	_	_	-		_	_	_	_

Cla	im		_		_			0	ate		_	_]
	а	573	Γ	٦		Τ			1		T			I			1
10	Original	V,	Ì	١		l			١		1			l			1
Final	δ	ш	Ł								┸			L			1
	51	7	Γ	٦		T								1]
	52		Ţ	╗		T		Γ			Ţ			I]
	53	V	1	7		T		Γ			Т		Г	Ţ			1
_	54	7	1	_	Г	†	_	T			1			T]
_	55	7	Τ			1	_	Γ		Г	Т		Г	Ţ			
_	56		1	_	Г	1	_	T		Г	٦		Г	Ţ			
Г	57	v	1	_	Г	7		T		Г	1		Г	Т		Γ]
Г	58		۸	_	Γ	1	_	T	Τ	Γ	1		Г	Т]
Г	59	-	1	_	T	1		T		Γ	٦		1	T]
一	60	-	T	_	1	٦		T		Г	7		Т	Ţ		Γ]
	61	1	†		T	┪		T		Τ	٦		Т	T		Γ	7
┢	62	T	†	_	T	╗		T		T	٦		Τ	T		Γ	٦
┢	63	i	1		T			Ť		T	╗		Τ	Т		Γ	٦
Г	64	1	1		T			Ť		Γ			Γ	J		Γ	J
۲	65	_	†	_	T		Г	†		T	٦		Τ	7		Γ	
Г	86	1	1	_	T		Г	1		T			Т	٦		T	
Г	67	7	1		Ť	_	Г	1	_	T			Т			Τ	
Г	68	1	1	_	Ť		Г	1		T			Т			Т	
\vdash	69	-+-	7	_	T		Г	7		T		Г	T		Г	T	
H	70	+	┪	_	Ť	_	Τ	1	_	1		Γ	T		Г	T	
\vdash	7		┪	_	+		t	7	_	†	_	H	t	_	r	Ť	
\vdash	7		٦	-	t	_	┢	1		t	_	T	✝		H	t	
H	17		٦	-	t		t	┪	-	†	_	T	1		۲	†	
\vdash	7	_	-	_	t	_	t	1		†	_	T	†	_	T	†	
-	7	_	7	Т	t	_	t	┪		1		T	1	_	Γ	1	
H	7	_	_	Н	†		t	┪		1		T	1		T	7	
┢	7		_	Н	†	_	t	_		1	_	T	T		Γ	7	
\vdash	7			Γ	1		T		Г	7		Γ	T		Γ	T	
I	7	9		Г	7		T		-	7		Τ	T			I	
1	8	0		Г	1	_	T			7		Γ	1			Ţ	
r	18	11		Г	7	_	T		_	1		Т	I		L	\mathbb{I}	
Г	8	2		Γ	7		T	٦		٦		I	\Box		Γ		
۲	18	3		Γ	1		Τ]	_	Γ	$ \mathbb{J} $			J	
Γ	8	4	_	Γ	1		Ţ		Γ			Ι	J		Ĺ	J	
Γ	_ [ē	5			J		I					Γ			Ĺ		_
	e	6		I			Ι		Ĺ]		Ĺ	_	_	1	_	_
		7	_				ſ	_	Ĺ			Į.	_		ļ	4	
		18	_	Ĺ			1	_	Ĺ		L	1	_	_	1	_	_
	E	39		Ĺ		Ĺ	1		L		_	╀	_	_	ļ	_	_
ſ	[90	_				ľ		L		L	1	_]		1		L
٢	٤	1		Γ			T					J			l		L
r	7	12		T	٦	Γ	Ţ	_	Γ			I			I		Ĺ
۲	7	33	_	T		Г	Ī	_	Ι	_	Ĺ	Ι			I	_	Ĺ
T		94	_	T			T		Γ			I			J		
t	_	95		T			1	_	Ι			I			J		
ſ	1	96		T			I		I			I			I		Ĺ
ſ	1	97		T			Ī		I		Γ	I					Ĺ
ı	1	98		T	_	Γ	J		Ι			Ι	_		J		Ĺ
Ī		99		Ι	_	L	1		I		Ĺ	I	_	Ĺ	Ţ	_	L
-	_	_	_	_	_	_	- 1	_	•	_		- 1			- 1		

Cla	im			_		_	_	Da	rte	•	_		_	_		_	╝
Finel	Original																
ŭ.	101	\dashv	_	+		t	4	-	1		+		H	┪	_	+	ᅥ
_	182	-	-	+		t	-	H	1	_	†		┢	1	_	t	┪
_	103	_	Н	†	_	t		H	1	_	†	_	t	┪		t	d
	104		┢	†		t	_	۲	7	Т	†	_	t	┪	_	†	_
	105			†		t		Γ			1					T	
	106			1		T						_	L			I	
	107			I		Ι				L			L	_	L	1	_
	108		L	1	_	1		L		L	4		ļ	_	L	4	_
L	109	-	L	4		4	_	Ļ		L	4	_	4	_	L	4	_
┕	110		1	4	_	4	_	╀	_	┞	4	Ŀ	╀		┞	+	_
L	111		╀	4	_	4	_	╀		┞	_	-	╁	-	╀	+	_
┝	112		╀	4	_	+		╀	_	┝	-	H	+	_	H	+	_
┝	113	-	╀	_	H	┨	_	╁	-	╁	_	H	+	-	t	┪	_
┝	115		╁	-	H	┨	-	╁		t	-	┝	†		t	┪	_
┝	116		t		H	1	_	t		t		H	1		t	1	_
-	117		t	_	┢	┪	-	t		t	_	t	†	_	t	7	_
۲	118	_	t		r	┪		†	_	t		T	1	_	Ť		Γ
۲	111	_	t		Ī		Г	1		T		Τ	1		T		
r	120	_	Ť		T	┪	Г	1		Ť			1	_	Ť	_	Γ
\vdash	12	-	t	_	t	_	r	†	_	t		T	┪	7	Ť	_	Г
-	12		†		t		Г	1	_	t	_	T	7		Ť	_	Г
1	12	3	1		T		┪	1		Ť		Ī			Ι		
T	12		T		T			1		Ι		\mathbb{L}			1		
	12	5	T				L			1	_	L		_	4		L
	12	6			L	_	L	┙	_	1		Ļ		L	4	_	L
	12		1	_	1		L	4	_	4		1		L	4	_	Ļ
L	12		4	_	╀	_	L	4	_	+		╀	_	L	4	_	╀
┡	12		4		1	_	L	4	_	4	_	+	_	L	+	_	╀
┡	13	_	4	_	Ŧ	_	┞	4		+	_	╀		H	┥		╁
ŀ	13		+	-	+	_	╀	┥	_	+	_	+	_	H	┪		t
-	13		╅		t	_	╁	4		+	_	+	-	H	+	-	t
\vdash	13		+	-	\dagger	_	t	4	-	1	_	+	-	t	7	_	t
H	12		+		t	_	t	┪	_	1	_	†		t	7	_	T
H	13		1		t	_	t	٦	_	1	_	†	_	T	7		Τ
r	13		7	_	†		T			1		I		Γ			Ι
r		18	_		Ì		I					Ι					I
	13	19			I		Ι		Ĺ			Ţ		Ĺ		L	1
Γ		ю	J		I		1		Ĺ		L			L		L	1
Γ		41							Ĺ		Ĺ	1		L		L	1
[42			I		Ţ	_	Ľ		Ĺ	1		Ĺ		L	1
		49		Ĺ	⅃	_	1		L		L	4		Ļ		L	1
		44		L	⅃		1	_	L		L	4	_	ļ		L	+
	_	45		L	_[_	1	_	L	_	L	4	_	ļ.	_	L	+
Ļ	_	46		Ļ	4	_	1		ļ	_	┡	4		+	_	┞	+
L		47		L	4	_	+	_	ŀ	_	H	4	_	+	_	┞	+
ļ	- 1	48	_	L	4	_	+	_	ł		╀	4		╀	_	Ͱ	+
- 1	h	48 50	_	L	_	_	4		L	_	L	4	_	+	_	╀	+

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)





This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

Ď-BLACK BORDERS
☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
☐ FADED TEXT OR DRAWING
☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
☐ SKEWED/SLANTED IMAGES
☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
☐ GRAY SCALE DOCUMENTS
☐ LINES OR MARKS ON ORIGINAL DOCUMENT
☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
OTHER:

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.